

Title (en)
ADJUSTMENT OF BLUETOOTH (BT) GOLDEN RECEPTION RANGE IN THE PRESENCE OF LONG TERM EVOLUTION (LTE) INTERFERENCE

Title (de)
EINSTELLUNG EINES BLUETOOTH-GOLD-EMPFANGSBEREICHES IN GEGENWART VON LTE-INTERFERENZ

Title (fr)
RÉGLAGE DE LA PLAGE DE RÉCEPTION DORÉE DE BLUETOOTH (BT) EN CAS D'INTERFÉRENCE DE TECHNOLOGIE D'ÉVOLUTION À LONG TERME (LTE)

Publication
EP 3151614 A1 20170405 (EN)

Application
EP 16185784 A 20160825

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US 201514871899 A 20150930

Abstract (en)
Described herein are methods, architectures and platforms for adjusting a reception range at which remote devices transmit to a Bluetooth receiver, by determining wireless radio interference to the Bluetooth receiver. The reception range is adjusted per the wireless radio interference.

IPC 8 full level
H04W 52/24 (2009.01); **H04W 4/80** (2018.01); **H04W 52/38** (2009.01)

CPC (source: CN EP US)
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Citation (search report)

- [A] US 2013196654 A1 20130801 - WIETFELDT RICHARD DOMINIC [US]
- [A] KNEELAND T F ET AL: "Performance evaluation and analysis of effective range and data throughput for unmodified bluetooth communication devices", NETWORKS, 2003. ICON2003. THE 11TH IEEE INTERNATIONAL CONFERENCE ON SEPT. 28-OCT. 1, 2003, PISCATAWAY, NJ, USA, IEEE, 28 September 2003 (2003-09-28), pages 665 - 671, XP010682900, ISBN: 978-0-7803-7788-2, DOI: 10.1109/ICON.2003.1266267

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CN108024239A

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Designated extension state (EPC)
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